

ABSTRACT OF THE

DISCLOSURE

A method for changing over to different frequency in a cellular phone system, in which lowering the probability generating a call drop and decreasing the power consumption at the time when the moving velocity of a mobile communication terminal connecting a micro-cell becomes high can be realized, is provided. A judging threshold value Th_HO using at the changing over to the different frequency is changed corresponding to the moving velocity of the mobile communication terminal. When the moving velocity of the mobile communication terminal connecting to a micro-cell becomes high, the judging threshold value Th_HO is changed to be a small value, and the probability changing over to the different frequency is made to be high, and it makes easy for the mobile communication terminal to connect to a macro-cell. With this, the probability generating the call drop can be decreased. Further, in case that the cellular phone system is composed of plural micro-cells and a macro-cell covering the plural micro-cells, when the moving velocity of a mobile communication terminal connecting to a micro-cell becomes high, the judging threshold value Th_HO is changed to be a small value, and the probability connecting to the macro-cell becomes high. With this, frequent hand-over among the plural micro-cells becomes small, and the controlling load can be decreased.